

Q21 SEQ ID NO:2, and complete complements of SEQ ID NO:2.

Q3 27. (Twice Amended). A recombinant expression system comprising a nucleic acid sequence that includes an open reading frame operably linked to a control sequence compatible with a desired host, wherein the nucleic acid sequence is selected from the group consisting of:

SEQ ID NO:2, and complete complements of SEQ ID NO:2.

Q4 29. (Twice Amended). A cell transfected with a nucleic acid sequence encoding at least one epitope, the nucleic acid sequence selected from the group consisting of:

SEQ ID NO:2, and complete complements of SEQ ID NO:2.

30. (Twice Amended). A composition of matter comprising a purified polynucleotide selected from the group consisting of:

SEQ ID NO:2, and complete complements of SEQ ID NO:2.

REMARKS

Reconsideration and allowance of the above-referenced application in view of the above amendments and following arguments is respectfully requested.

Claims 21, 23, 27, 29 and 30 have been amended. These claims have been amended to remove the phrase "and degenerate coding sequences thereof." Finally, no new matter has been added as a result of these amendments.

Rejection of Claims 21-30 Under 35 U.S.C. Section 112, First Paragraph

Claims 21-30 are rejected under 35 U.S.C. Section 112, first paragraph as not being enabled for detection using degenerate coding sequences of SEQ ID NO:2. Applicants have removed claims 21, 23, 27, 29 and 30 phrase "and